

GOVERNMENT OF ANDHRA PRADESH

ABSTRACT

Planning Department – Design, Supply, Installation and Annual Maintenance of Automatic Weather Stations (AWS) in all Mandals in the State – Entrustment of the Scheme to Andhra Pradesh State Disaster Mitigation Society (APSDMS) – Administrative approval – Orders – Issued.

PLANNING (I-GIA) DEPARTMENT

G.O.Rt.No.965

Date: 15.10.2008.

Read:-

From Member Secretary, APSDMS Lr.No.104/APSDMS/2008,
Dt. 14.10.2008

ORDER:

1. In the letter read above, the Member Secretary, APSDMS, has stated that Andhra Pradesh State Disaster Mitigation Society (APSDMS) has been developing Mathematical Models for forecasting events like Cyclones and Floods. The agency is also developing software for monitoring the Drought across the state. The software so developed by CRIDA, requires real-time data like temperatures, Rainfall etc. For flood forecasting also it requires real time rainfall data, which enhances the quality of the forecast. During the review of models developed by the Delft Hydraulics for predicting rainfall, the experts felt that the accuracy of the model outputs depend on the real-time input values across the State. The available present rain gauge network in the state is just not adequate for the model due to their relatively lower densities and calls for intensive distribution of rain gauge network across the state for better accuracy.

2. During the review meeting on drought, Commissioner, Disaster Management Department (DMD) has raised topic of receiving the rainfall information at Secretariat on real-time basis for drought monitoring. The Commissioner, DMD has stressed the need for at least one(1) automated rain gauge per revenue village.

3. In the State Level Committee on Agriculture and Allied Statistics held on 6th October 2007, it was also decided to establish 300 Automated Weather Stations (AWS) to start within erstwhile taluk head quarters. The Commissioner, Agriculture department had also emphasized the need for rainfall information as well as other meteorological information like temperature, humidity etc. for crop monitoring and pest controlling strategies.

4. Keeping in view of the above unanimous need for establishing Automatic Weather Stations(AWS), the Member Secretary has reported that Bids have been invited from eligible bidders for the "Design, Supply, Installation and Annual Maintenance of Automated Weather Stations (AWS)". To evaluate the technical solutions offered by various bidders, a technical committee was constituted with members drawn from national agencies like NRSA, IMD, IEG and Agriculture Department of Government of Andhra Pradesh. After following the normal procedures of technical & financial evaluation, the price quoted by the lowest bidder (L-1) has been finalized at a cost of Rs.24,79,14,906 for Design, Supply, Installation software etc. for 1200 AWS in all mandals across the state, including taxes & duties and annual maintenance charges for a period of 4 years after warranty of one year. The fencing charges, GSM communication charges are additional.

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5. The Member Secretary, APSDMS has requested the Government to accord administrative sanction for procurement of 1200 AWS, entrusting the work to the lowest evaluated bidder and approval for incurring the above expenditure from the funds available with the APSDMS under Andhra Pradesh Vulnerability Reduction Fund (APVRF) for implementation of the above scheme in order to meet the APSDMS requirement to improve the intensity of rain gauges for enhancing the performance of rainfall models as well as the needs of other user departments.

6. Government after careful examination of the proposal of the Member Secretary, APSDMS and keeping in view the demand for more intensified rain gauge system from different user departments and also the requirement of APSDMS to improve the intensity of rain gauges for enhancing the performance of rainfall models, hereby accord administrative sanction for the scheme "Design, Supply, Installation and Annual Maintenance of 1200 Automated Weather Stations (AWS)" in all mandals across the state at a cost of Rs.24,79,14,906/- (Twenty Four Crores Seventy Nine Lakhs Fourteen Thousand and Nine Hundred and Six Only). The fencing charges, GSM communication charges are additional. The above cost includes taxes and duties and annual maintenance charges for a period of 4 years after warranty of one year. The proposal to entrust the work to lowest evaluated bidder (L-1) is also agreed to. The Member-Secretary, APSDMS is also permitted to take further action in the matter and also to meet the expenditure from the funds available with the APSDMS under Andhra Pradesh Vulnerability Reduction Fund (APVRF) towards procurement and installation of the above Automated Weather Stations(AWS).

7. This orders issues with the concurrence of the Finance Department vide their U.O.Note No.2101/PFS/08 Dt.6.8.2008.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

A.K. GOEL,
SPECIAL CHIEF SECRETARY TO GOVERNMENT

To

The Member Secretary, APSDMS, Planning Department, AP Secretariat, Hyderabad

Copy to: The Prl. Accountant General, AP, Hyderabad.

// FORWARDED :: BY ORDER //

SECTION OFFICER